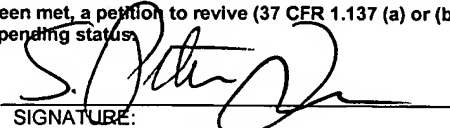


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|--|--|---|
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>  |  | ATTORNEY'S DOCKET NUMBER<br>04703/0202932-USO                 |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/014885   |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>10/535,382 |
| INTERNATIONAL FILING DATE<br>21 November 2003  |  | PRIORITY DATE CLAIMED<br>25 November 2002                     |
| TITLE OF INVENTION   |  |   |
| APPLICANT(S) FOR DO/EO/US      Kenichi Nagamine et al.   |  |   |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |
| 1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.  |  |   |
| 2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.   |  |   |
| 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |   |
| 4. <input type="checkbox"/> The US has been elected (Article 31).  |  |   |
| 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))  |  |   |
| a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).  |  |   |
| b. <input type="checkbox"/> has been communicated by the International Bureau.   |  |   |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).   |  |   |
| 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).  |  |   |
| a. <input type="checkbox"/> is attached hereto.  |  |   |
| b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).   |  |   |
| 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))  |  |   |
| a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).   |  |   |
| b. <input type="checkbox"/> have been communicated by the International Bureau.  |  |   |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  |  |   |
| d. <input type="checkbox"/> have not been made and will not be made.   |  |   |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).   |  |   |
| 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).   |  |   |
| 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).                   |  |   |
| <b>Items 11 to 20 below concern document(s) or information included:</b>   |  |   |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |  |   |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.                                      |  |   |
| 13. <input type="checkbox"/> A preliminary amendment.  |  |   |
| 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.   |  |   |
| 15. <input type="checkbox"/> A substitute specification.   |  |   |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter.  |  |   |
| 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.  |  |   |
| 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).   |  |   |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).   |  |   |
| 20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard, Certificate of Express Mail, PTO SB/08 and 2 References   |  |   |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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|--|--------------|---|------------|--|---------------------|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5)<br><b>10/535,382</b>   |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2003/014885</b>                     |            | ATTORNEY'S DOCKET NUMBER<br><b>04703/0202932-US0</b> |                     |
| The following fees have been submitted   |              |   |            | <b>CALCULATIONS</b>                                  | <b>PTO USE ONLY</b> |
| 21. <input type="checkbox"/> Basic national fee .....\$300   |              |   |            | \$   |                     |
| 22. <input type="checkbox"/> Examination fee   |              |   |            |  |                     |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100  |              |   |            |  |                     |
| All other situations .....\$200  |              |   |            | \$   |                     |
| 23. <input type="checkbox"/> Search fee  |              |   |            |  |                     |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100   |              |   |            |  |                     |
| International Search Report prepared and provided to the Office .....\$400   |              |   |            |  |                     |
| All other situations .....\$500  |              |   |            | \$   |                     |
| <b>TOTAL OF 21, 22 and 23 =</b>  |              |   |            | \$   | <b>0.00</b>         |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |              |   |            |  |                     |
| Total Sheets   | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |                     |
| - 100 =  | /50 =        |   | x \$250.00 |  |                     |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |              |   |            | \$   | <b>130.00</b>       |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |  |                     |
| Total claims   | - 20 =       |   | x          | \$   |                     |
| Independent claims   | - 3 =        |   | x          | \$   |                     |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)  |              |   |            | \$   |                     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |            | \$   | <b>130.00</b>       |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.   |              |   |            | \$   |                     |
| <b>SUBTOTAL =</b>  |              |   |            | \$   | <b>130.00</b>       |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |              |   |            | +  | \$                  |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |            | \$   | <b>130.00</b>       |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |            | +  | \$                  |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |            | \$   | <b>170.00</b>       |
| <b>07/27/2005 HXAYP/SH 00000119 10553382</b><br><b>01 FC:1617</b><br><b>130.00 DP</b>  |              |   |            | Amount to be refunded:                               | \$                  |
|  |              |   |            | Amount to be charged:                                | \$                  |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>170.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-0100</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> <p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>S. Peter Ludwig<br/>DARBY &amp; DARBY P.C.<br/>P.O. Box 5257<br/>New York, New York 10150-5257<br/>(212) 527-7770<br/>CUSTOMER NUMBER: 07278</p> <p style="text-align: right;"> <br/>             SIGNATURE: _____<br/>             NAME: <u>S. Peter Ludwig</u><br/>             _____<br/>             25,351<br/>             REGISTRATION NUMBER         </p> |              |   |            |  |                     |

Application No. (if known): 10/535,382

Attorney Docket No.: 04703/0202932-US0

10/535382

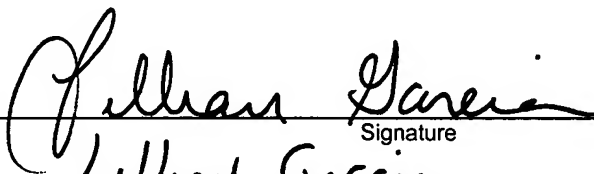
**Certificate of Express Mailing Under 37 CFR 1.10**

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on July 21, 2005  
Date



Signature

Lillian Garcia

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (2 pages)

Supplemental Application Data Sheet (3 pages)

Combined Declaration and Power of Attorney (4 pages)

Information Disclosure Statement (4 pages)

PTO SB/08 (1 page)

2 References

PTO 1595 Recordation Form Cover Sheet (1 page)

Assignment document for recording (3 pages)

Check no. 9250 in the amount of \$170.00